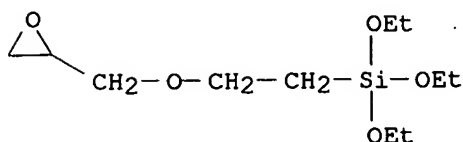
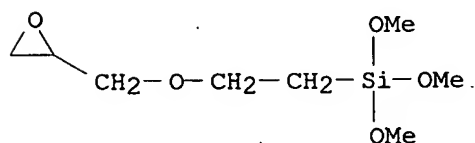


CN Silane, triethoxy[2-(oxiranylmethoxy)ethyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 21 OF 30 HCAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1986:182430 HCAPLUS
 DOCUMENT NUMBER: 104:182430
 TITLE: Co-immobilized pyruvate kinase and lactate dehydrogenase as recycling system for ATP
 AUTHOR(S): Slegers, G.; De Laet, S.; Lambrecht, R. H.; Block, C.
 CORPORATE SOURCE: Fac. Pharm. Sci., State Univ. Ghent, Ghent, B-9000, Belg.
 SOURCE: Enzyme and Microbial Technology (1986), 8(3), 153-6
 CODEN: EMTED2; ISSN: 0141-0229
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Pyruvate kinase (EC 2.7.1.40) (I) and lactate dehydrogenase (EC 1.1.1.27) (II) were immobilized onto porous glass beads. A screening of the immobilization of I on different derivatized glass beads is described. The selected immobilization procedure was further optimized. Coimmobilization of I with an excess of II was studied. The I- and II-loaded glass beads were packed into a column. Regeneration of ATP from ADP as a function of flow rate, enzyme loading, and column dimensions was investigated.
 IT 20526-39-0D, derivs., reaction products with glass
 RL: BIOL (Biological study)
 (lactate dehydrogenase and pyruvate kinase coimmobilization on)
 RN 20526-39-0 HCAPLUS
 CN Silane, trimethoxy[2-(oxiranylmethoxy)ethyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 22 OF 30 HCAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1986:131487 HCAPLUS
 DOCUMENT NUMBER: 104:131487
 TITLE: Regulation of the properties of perchlorovinyl-polyurethanes by introduction of plasticizer-diluents
 AUTHOR(S): Laskovenko, N. N.; Sytnik, L. L.; Krivchenko, G. N.; Tsykhanskaya, I. I.
 CORPORATE SOURCE: Inst. Khim. Vysokomol. Soedin., Kiev, USSR
 SOURCE: Lakokrasochnye Materialy i Ikh Primenenie (1985), (5), 21-3
 CODEN: LAMAAD; ISSN: 0023-737X

DOCUMENT TYPE: Journal
 LANGUAGE: Russian

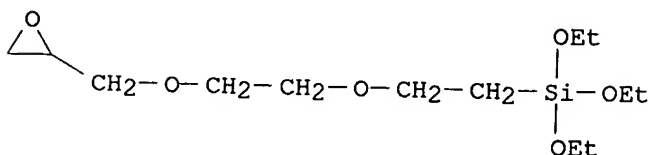
AB Small amts. (3-5%) of plasticizers either decreased or increased the viscosity of chlorinated PVC-polyurethane coatings, depending on the chem. structure of the plasticizers and polyurethanes, whereas larger amts. of plasticizers acted only as diluents. Addn. of 3-5% plasticizers decreased the glass temp. and flow point of the coatings, but did not change significantly or increased the hardness and the degree of crosslinking of the cured coatings. The plasticizers used in the study included di-Bu phthalate [84-74-2], castor oil, epoxy silane [101155-98-0], DEG-1 [25928-94-3], and UP-650T [68665-20-3].

IT 101155-98-0

RL: MOA (Modifier or additive use); USES (Uses)
 (plasticizers, chlorinated PVC-polyurethane coatings contg., properties of)

RN 101155-98-0 HCAPLUS

CN 2,5,9-Trioxa-8-silaundecane, 8,8-diethoxy-1-oxiranyl- (9CI) (CA INDEX NAME)



L4 ANSWER 23 OF 30 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1985:140755 HCAPLUS

DOCUMENT NUMBER: 102:140755

TITLE: Method of producing transparency by electrophotography

PATENT ASSIGNEE(S): Dainippon Printing Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 59119352	A2	19840710	JP 1982-228543	19821227
JP 04047820	B4	19920805		

PRIORITY APPLN. INFO.:

JP 1982-228543 19821227

AB The claimed method consists of (1) corona charging of an electrophotog. photoreceptor having a releasing layer, (2) imagewise exposure, (3) toner image formation using a dispersion of an olefinic resin having carbonyl groups in an insulating liq., (4) transfer of the toner image by pressure to a metal layer supported by a transparent substrate, and (5) etching of the metal layer using the toner image as a resist to form a transparency. The method provides images having high resolu. and stability with high sensitivity. Thus, a compn. contg. Rose Begal-sensitized ZnO, a urethane-modified silicone varnish (KR305 from Shin-etsu Chem. Co.), ethylcellulose acetate, and an isocyanate (Coronate 2031 from Nippon Polyurethane Ind.) was coated on a Al plate. A primer layer contg. gamma.-glycidoxypropyltrimethoxysilane (KBM403 from Shin-etsu Chem. Ind.)

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N. LASKOVENKO ET AL
LAKOKRASOCHNYE MATERIALY I IKH PRIMENENIE
(1985) (5), 21-23 issn: 0023-737X.

C. BERTOZZI ET AL
JOURNAL OF ORGANIC CHEMISTRY
(1991) 56(13), 4326-4329.

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